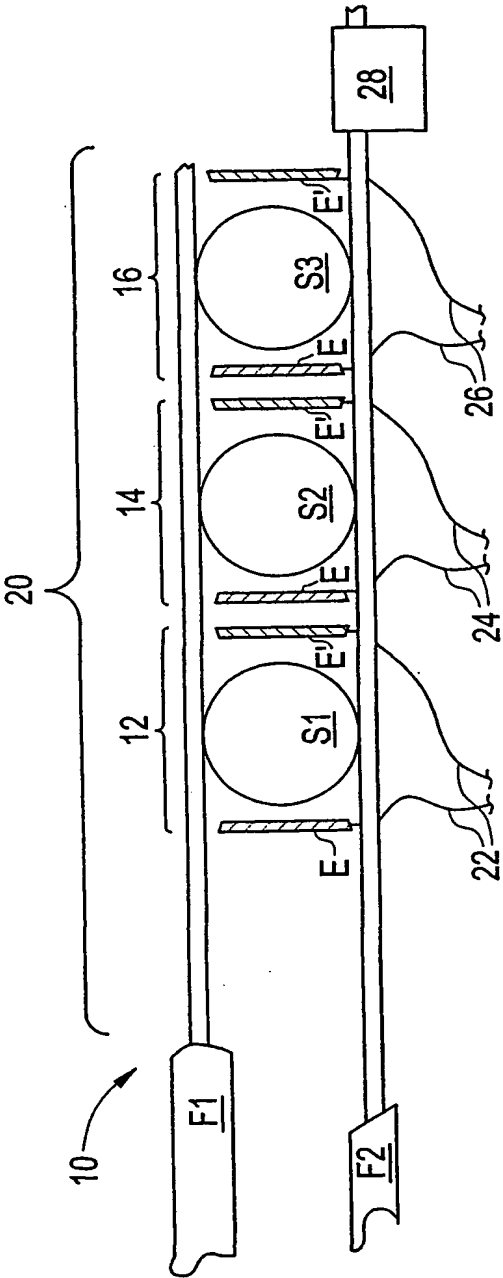


FIG. 1



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FIG. 2B

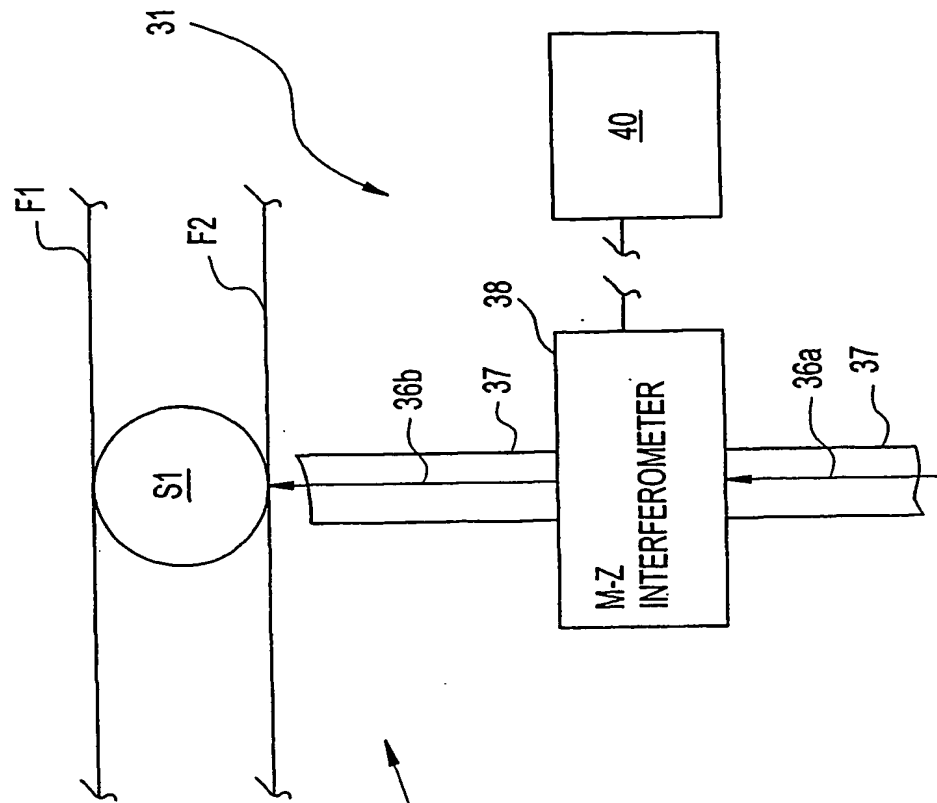


FIG. 2A

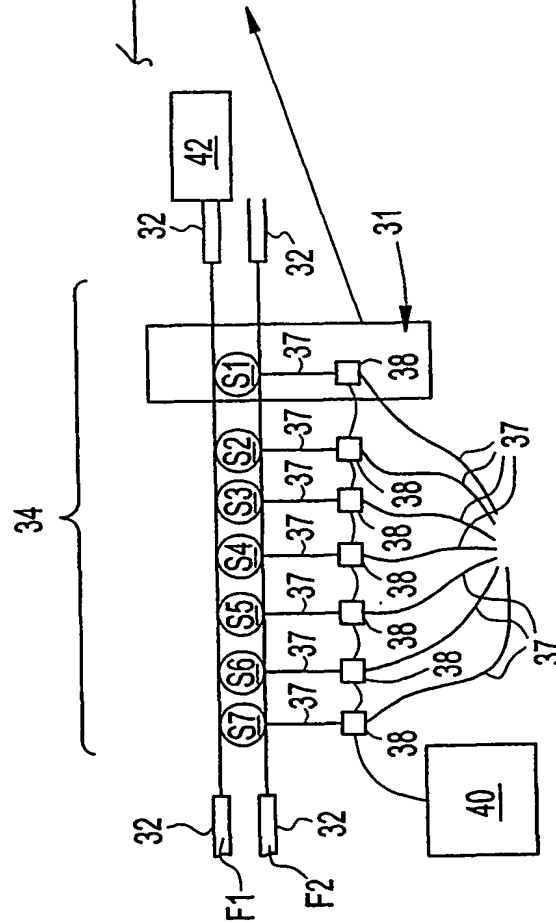


FIG. 3A

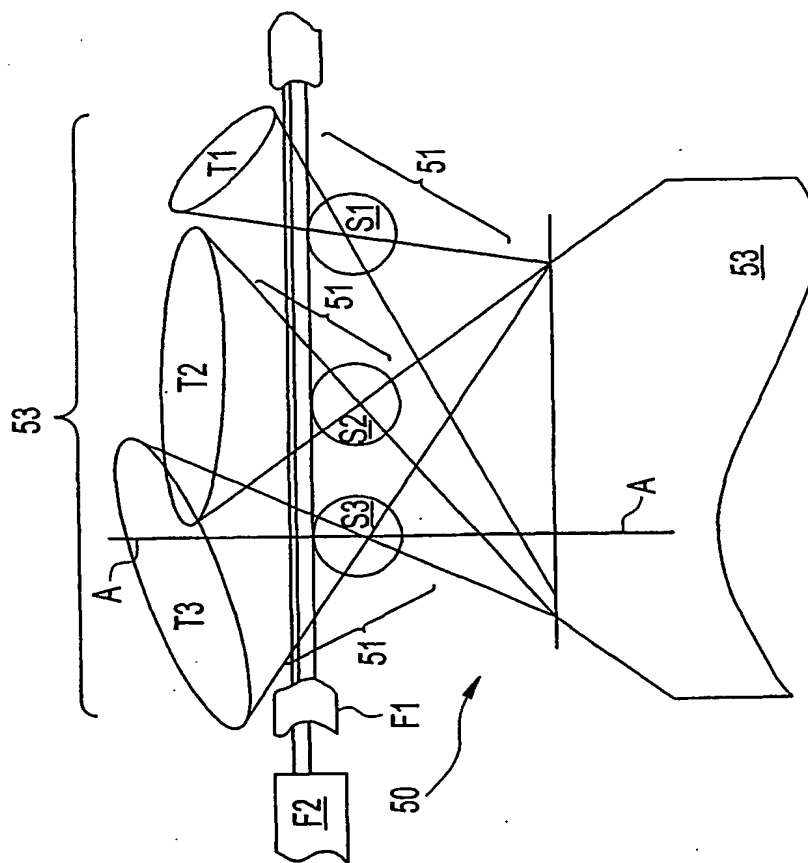


FIG. 3B

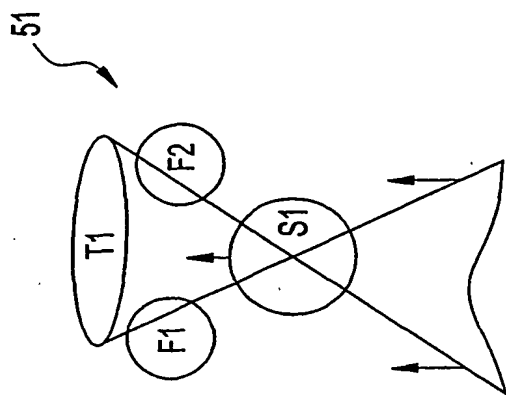
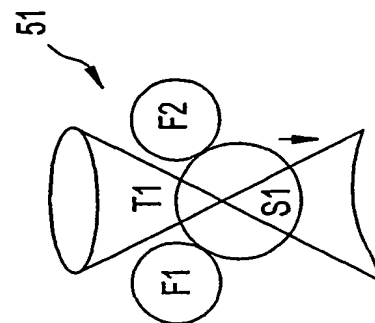


FIG. 3C



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FIG. 4

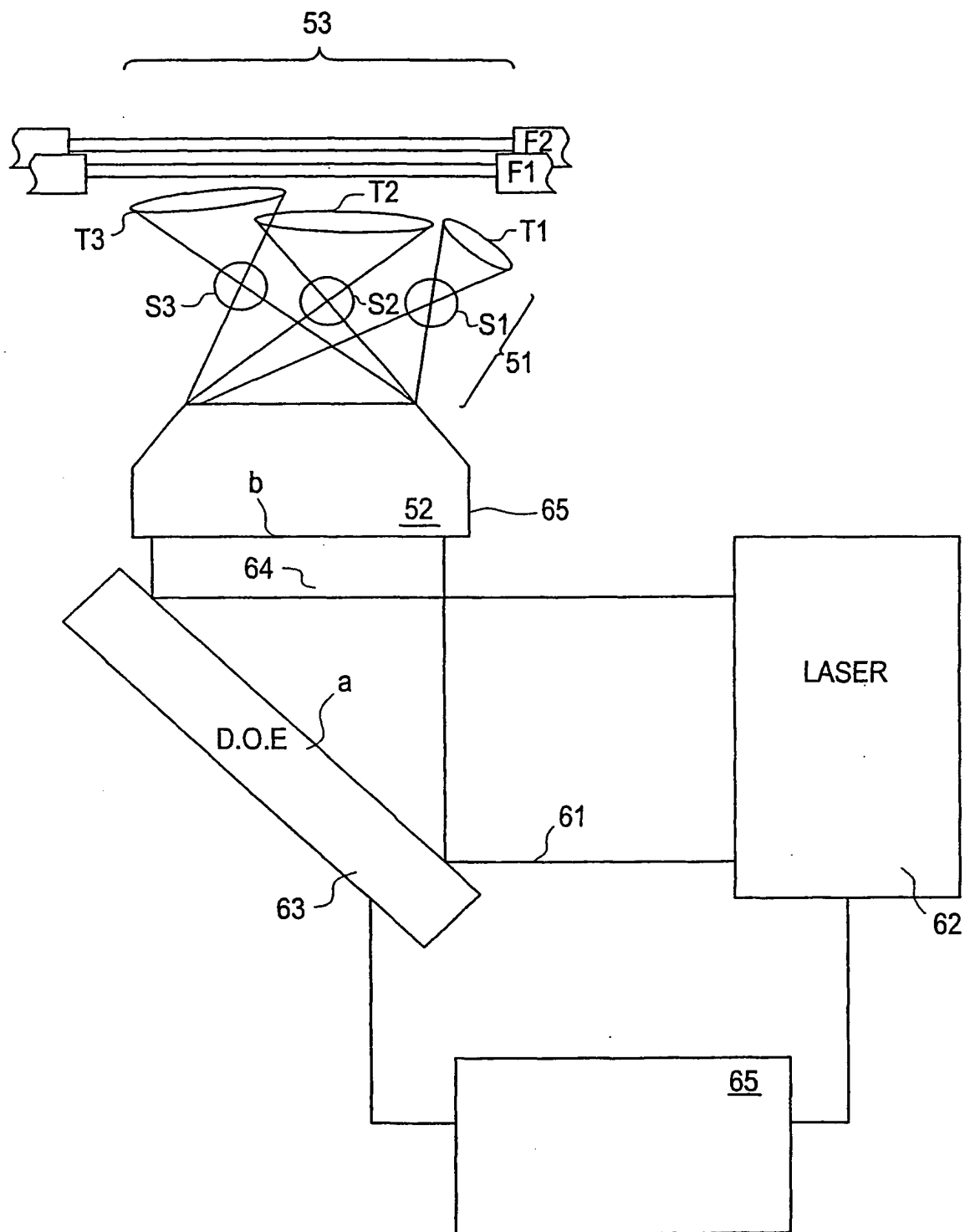


FIG. 5

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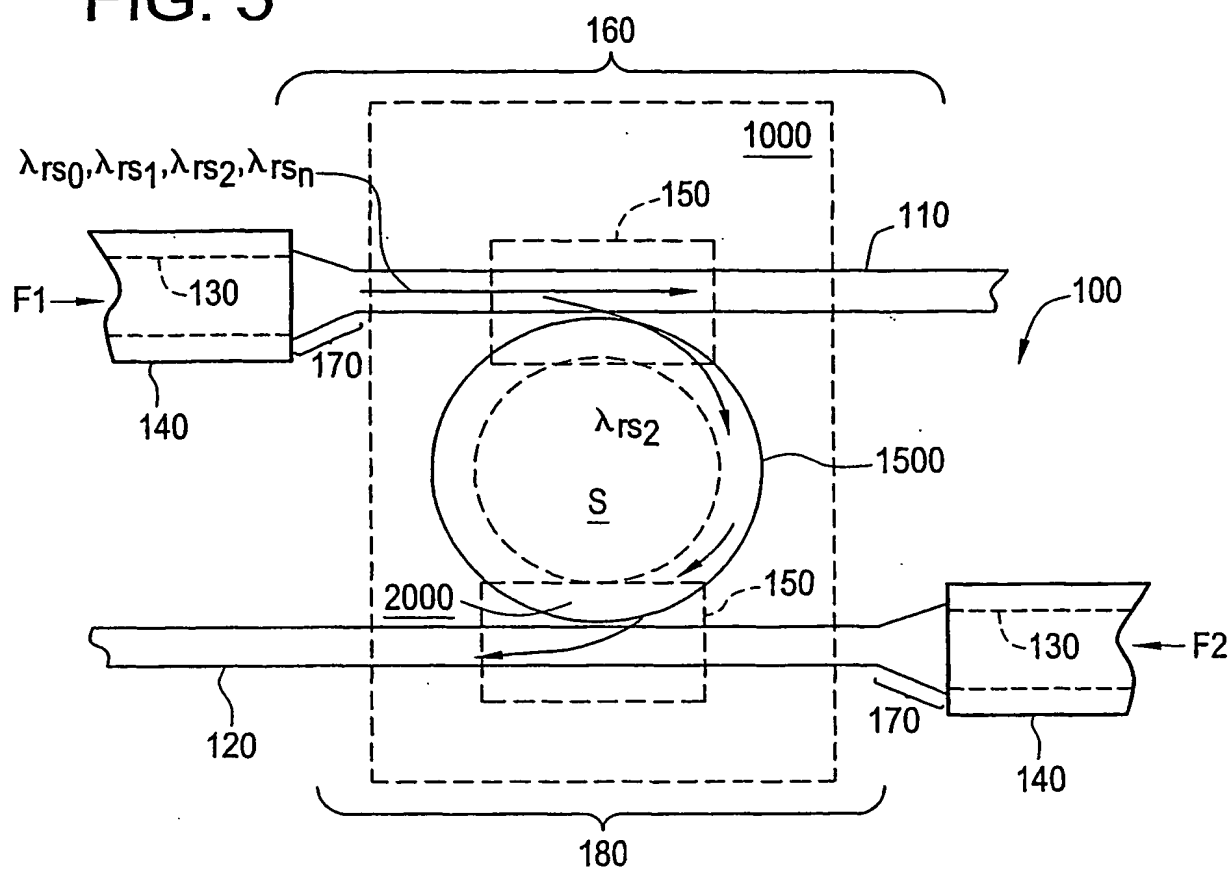
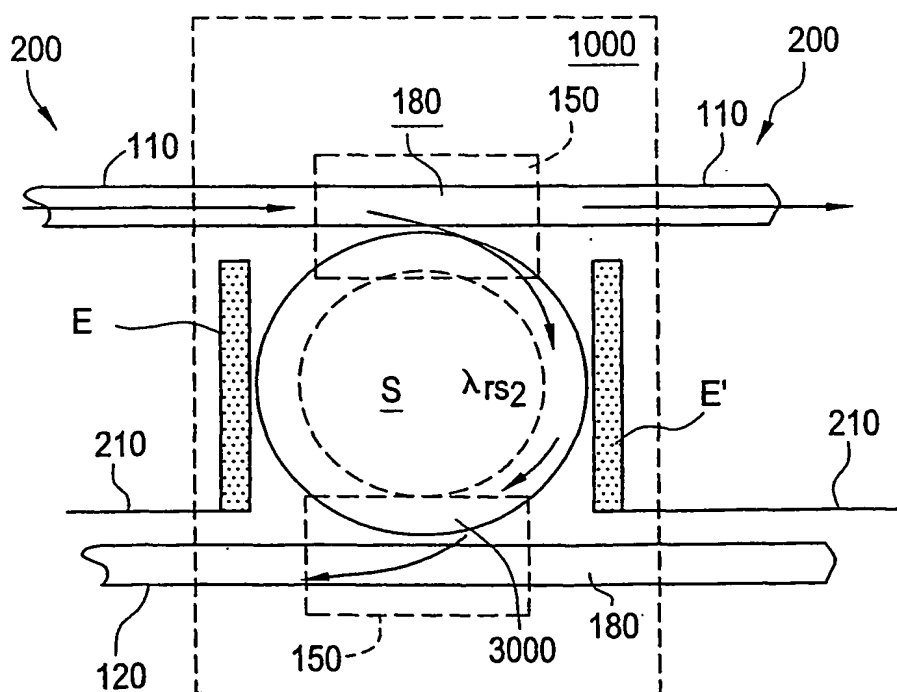


FIG. 6



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FIG. 7

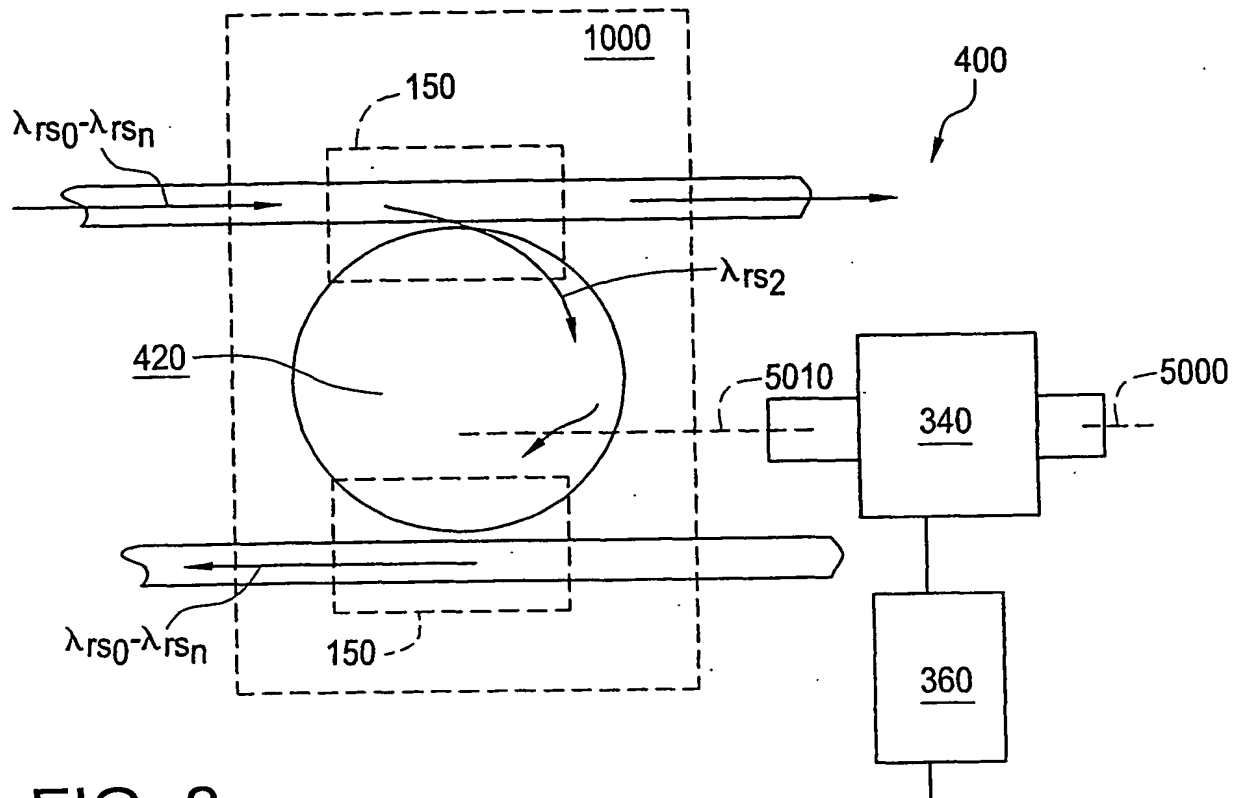


FIG. 8

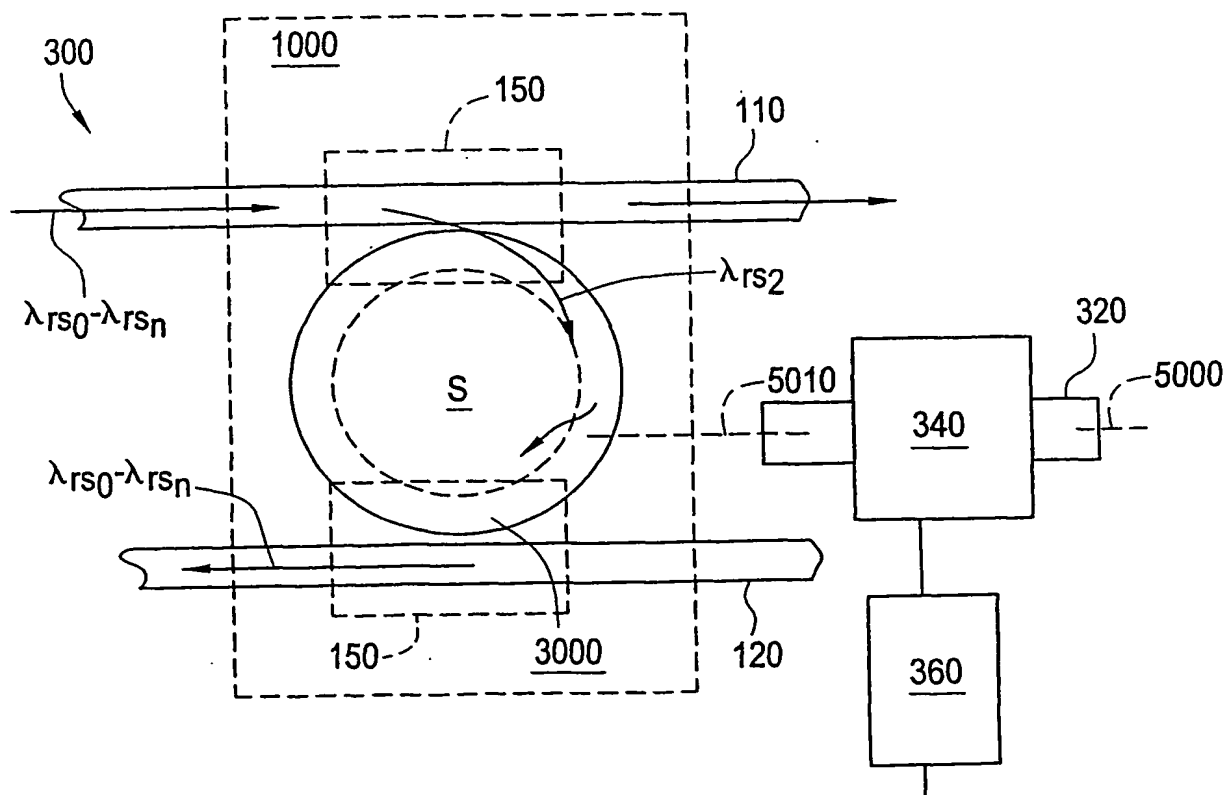
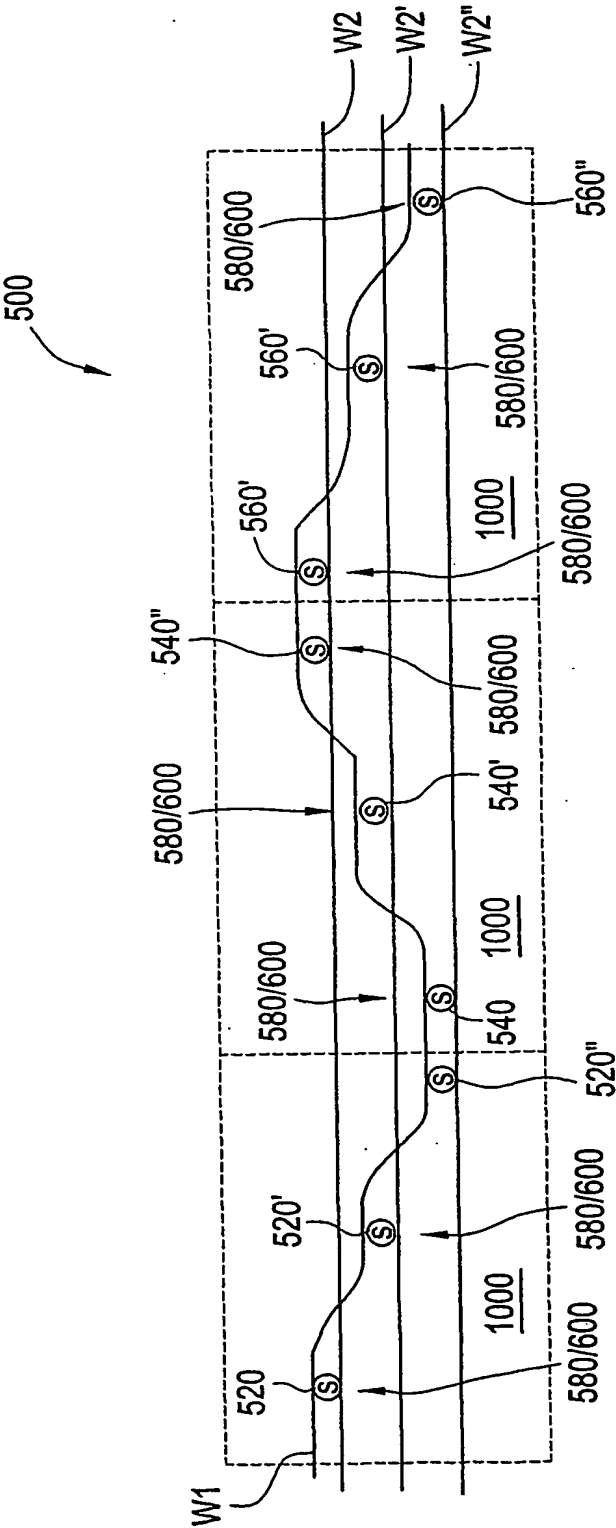
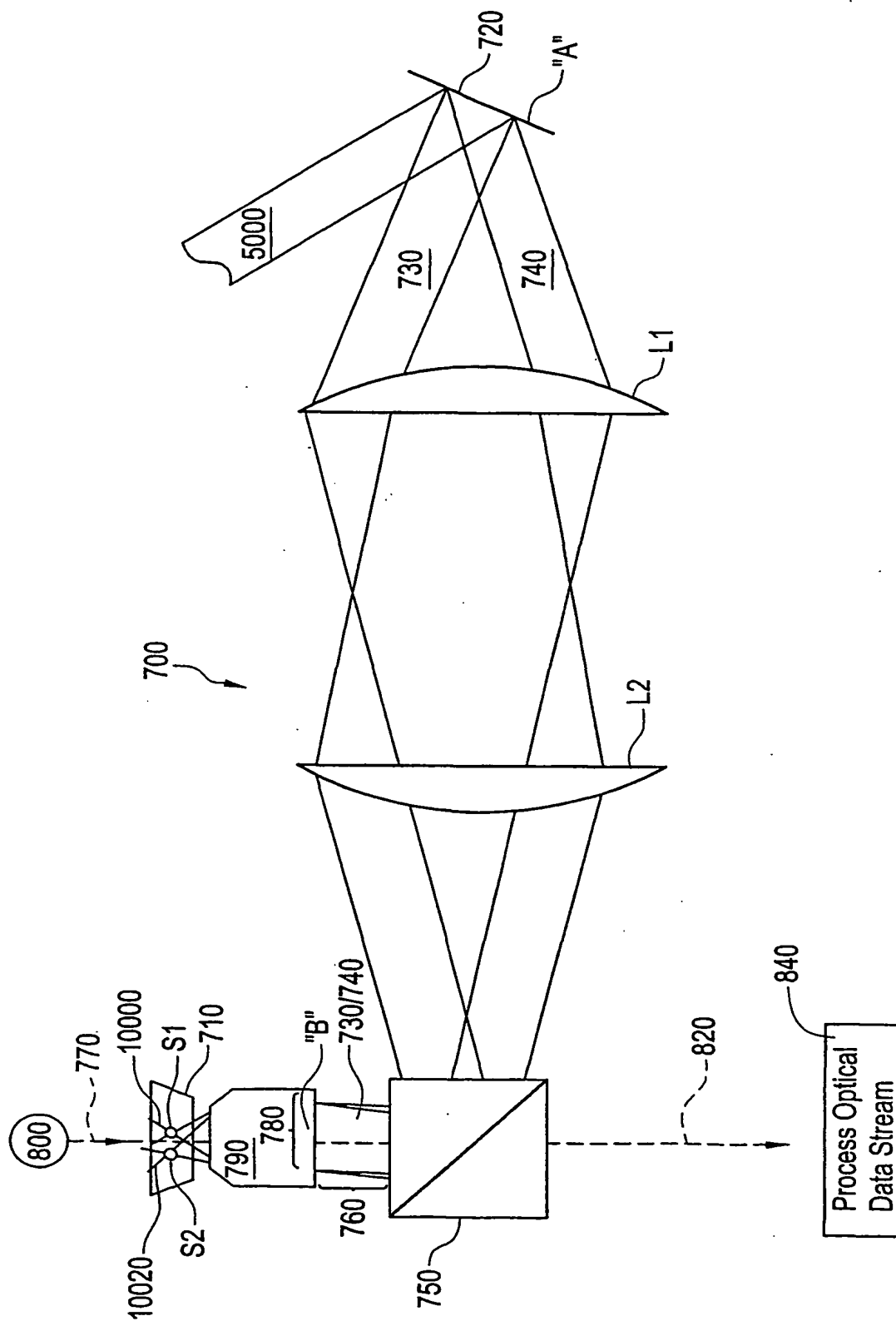


FIG. 9



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FIG. 10



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FIG. 11A

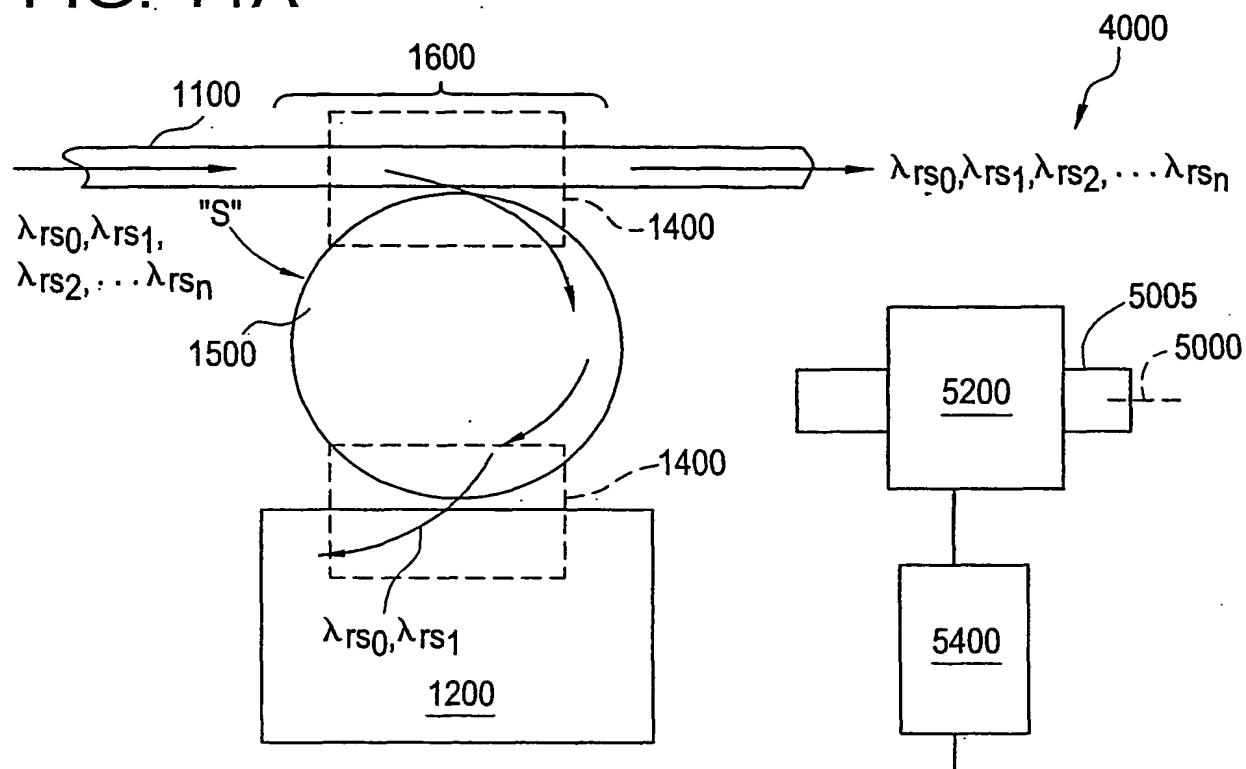
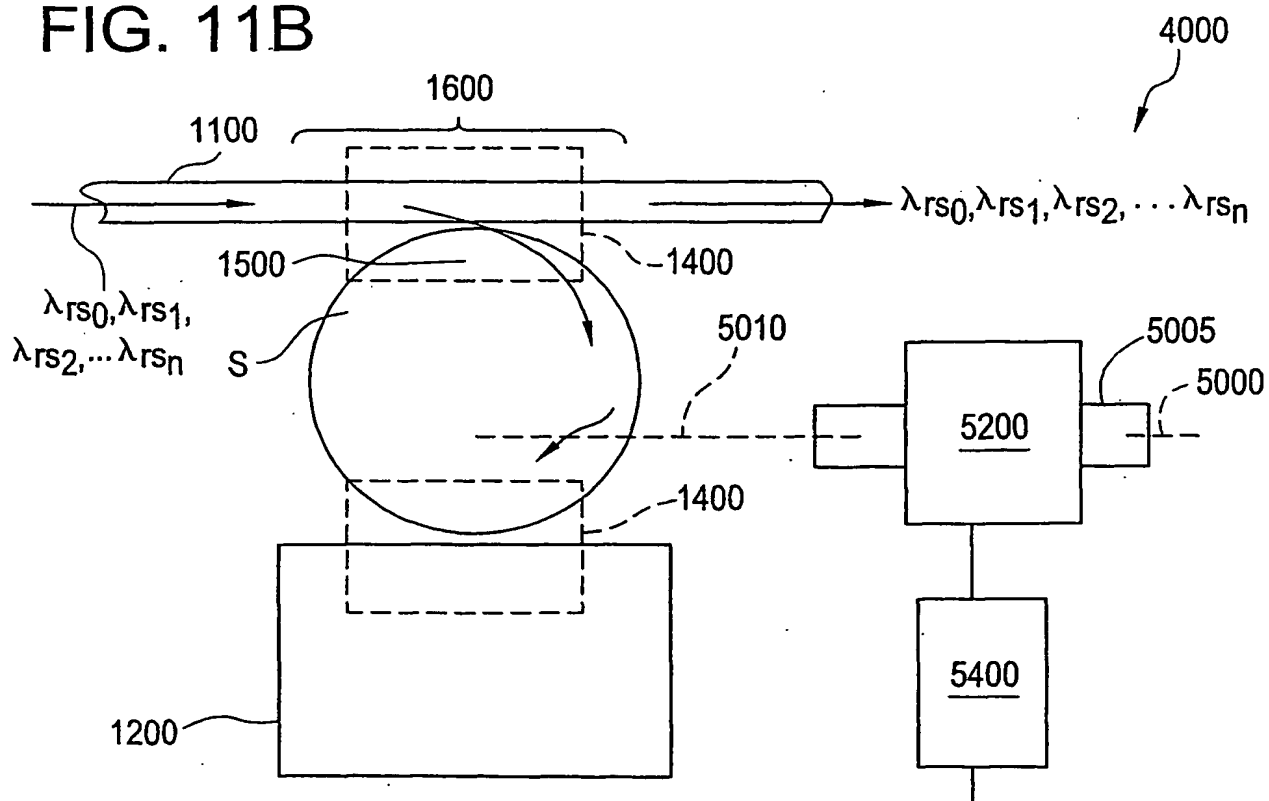
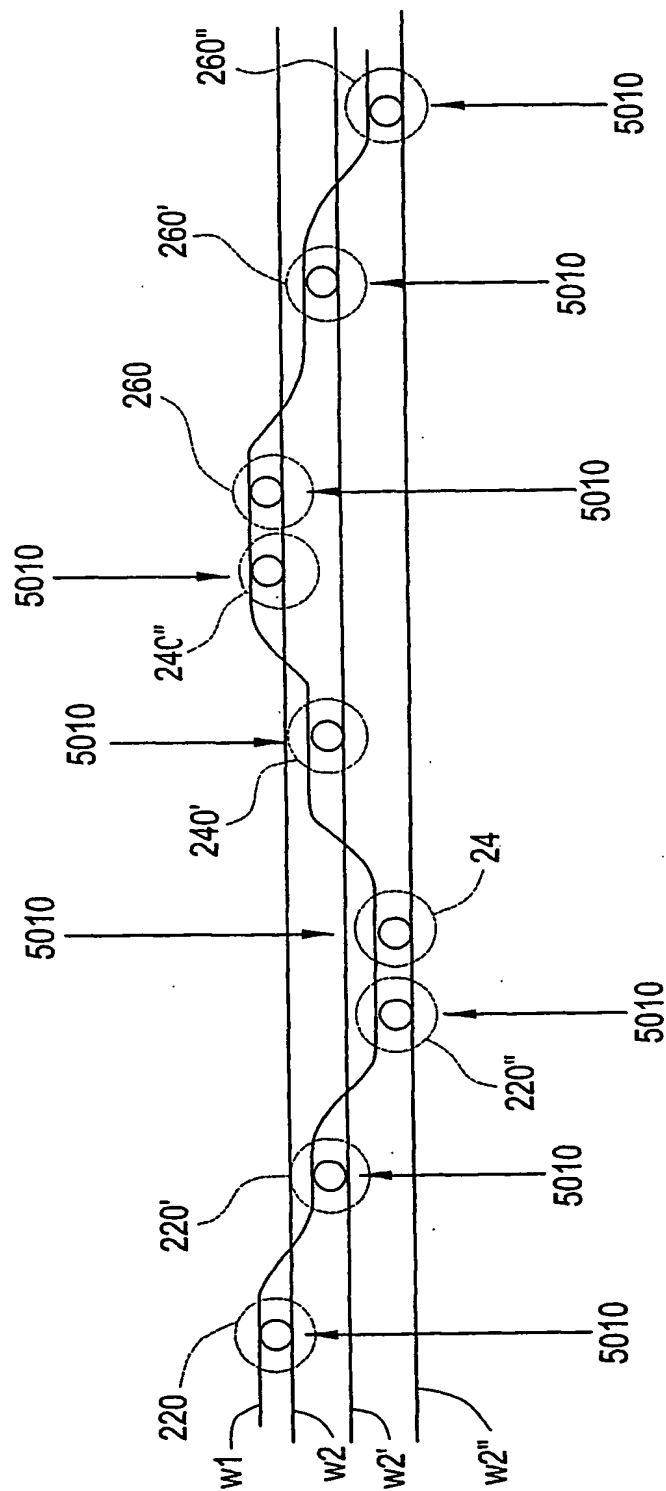


FIG. 11B



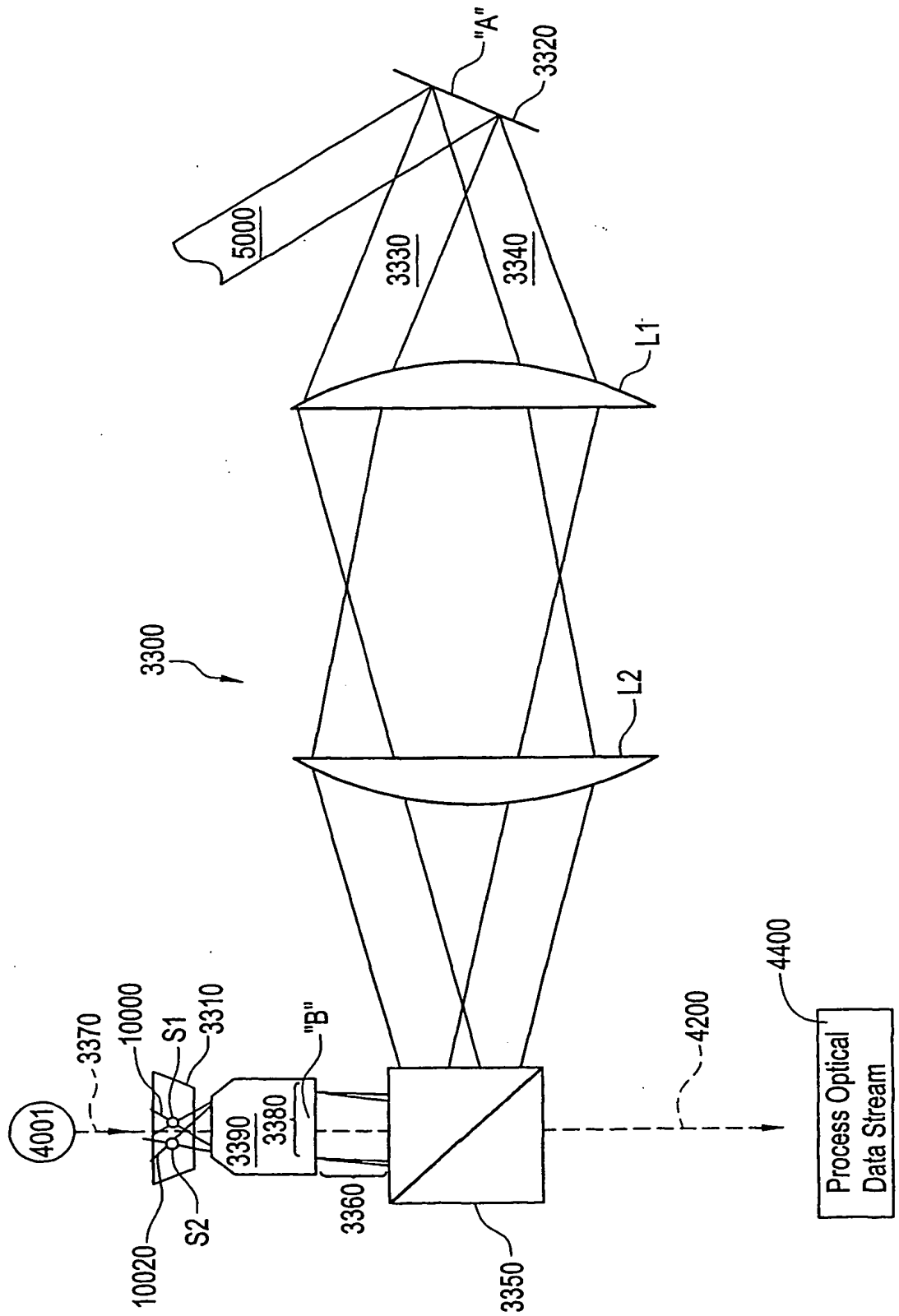
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FIG. 12



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FIG. 13



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FIG. 14

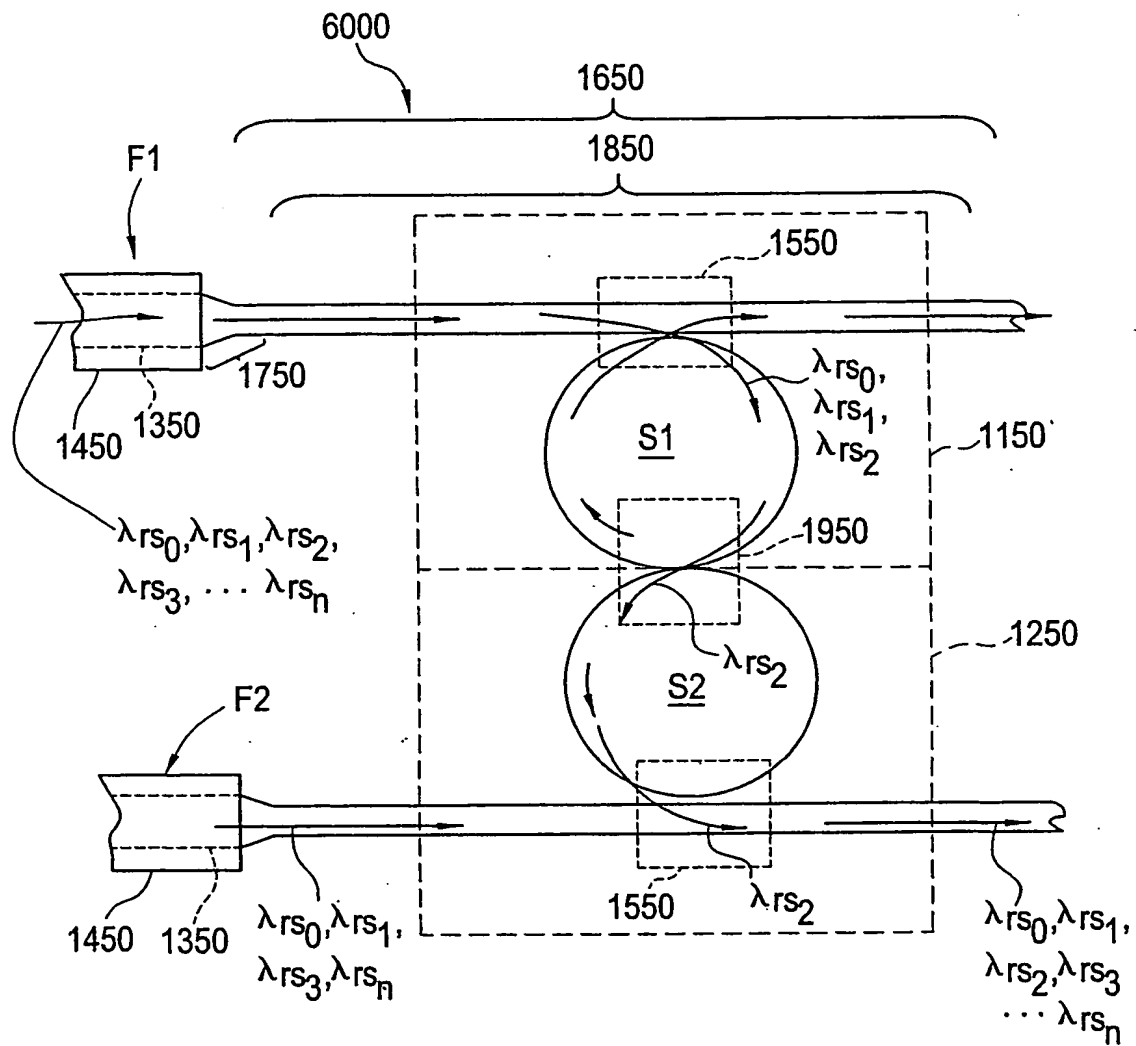
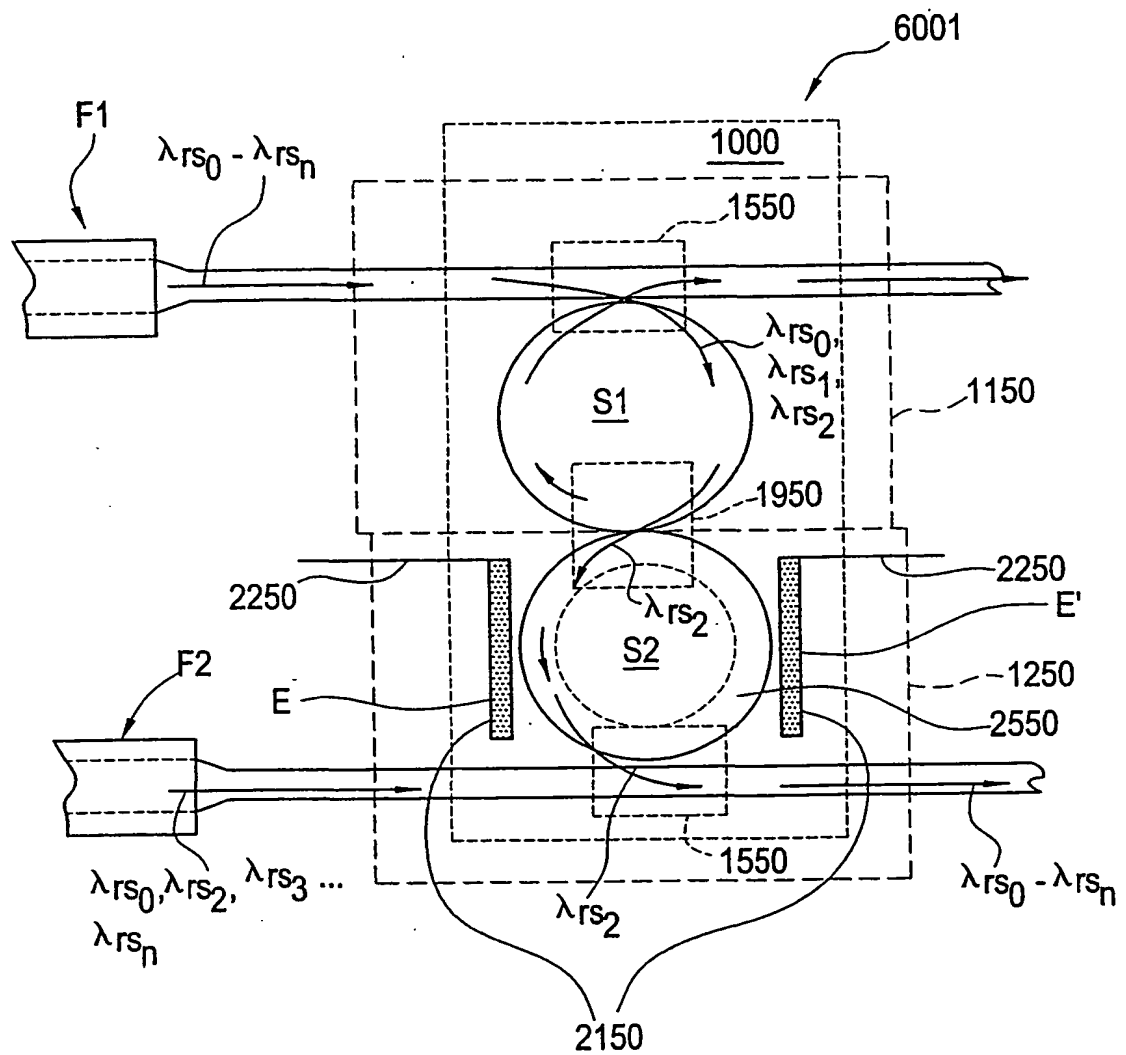


FIG.15



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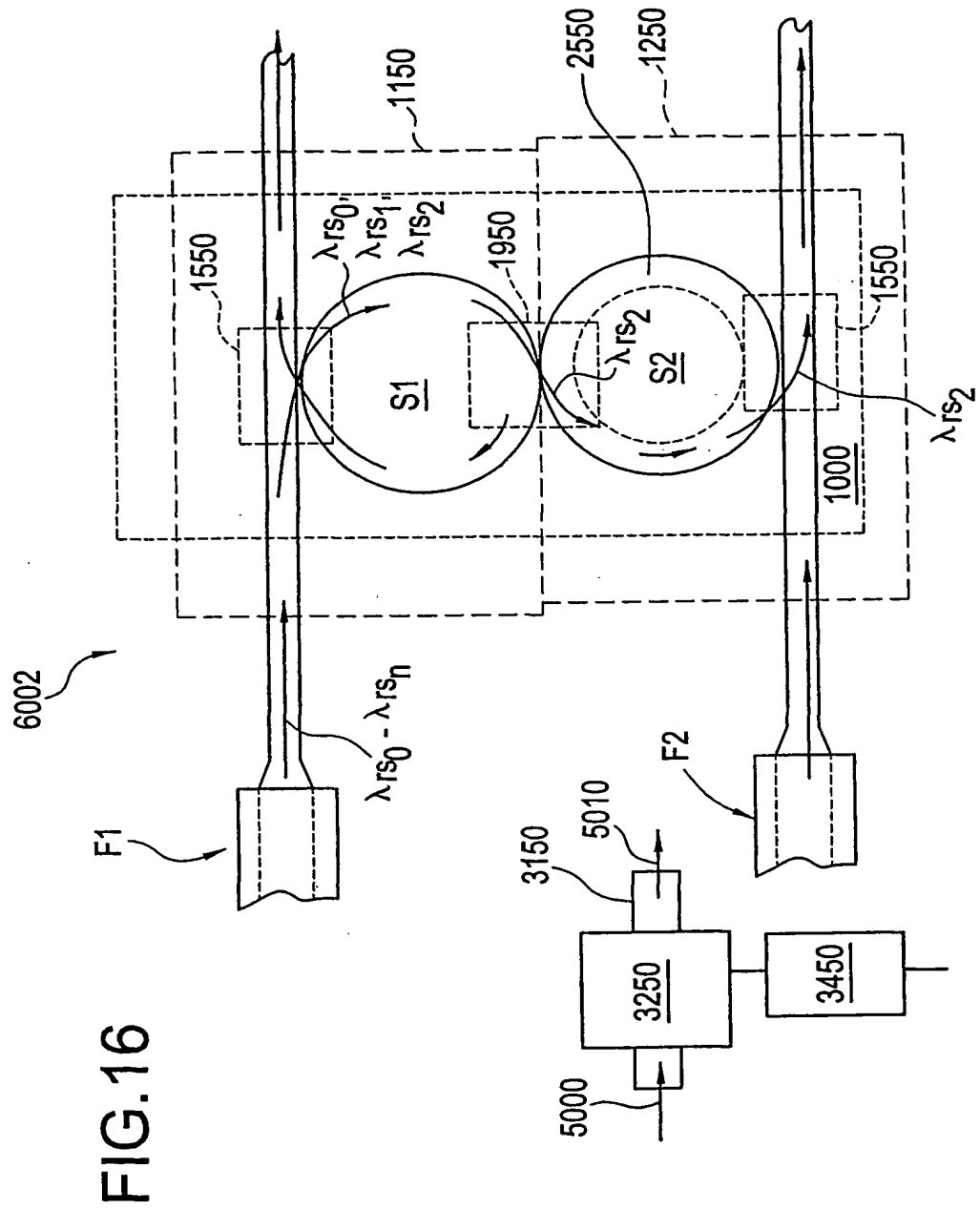


FIG. 18

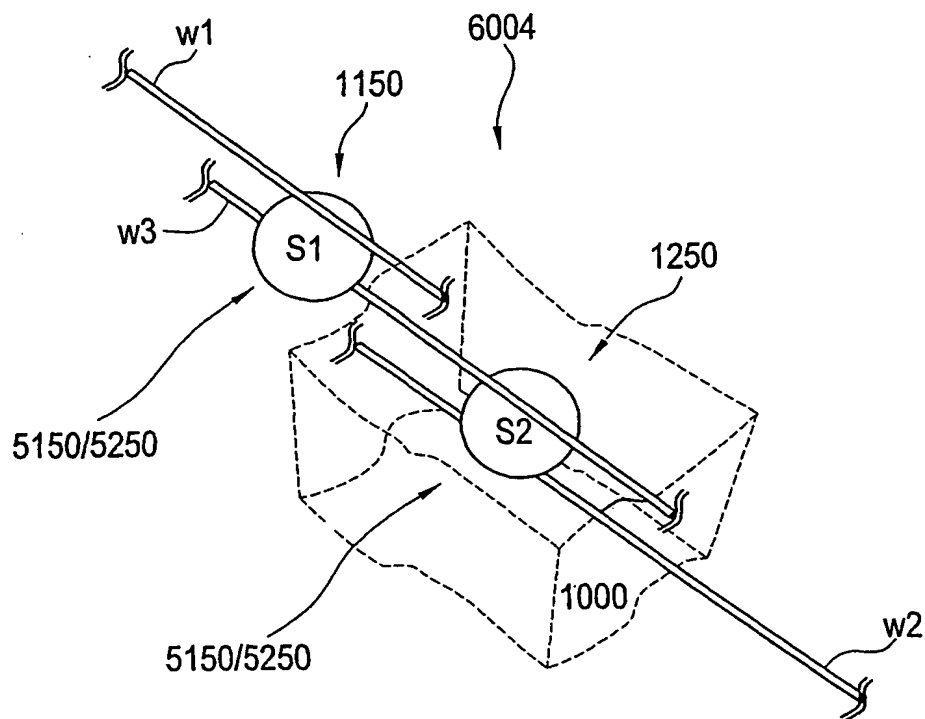
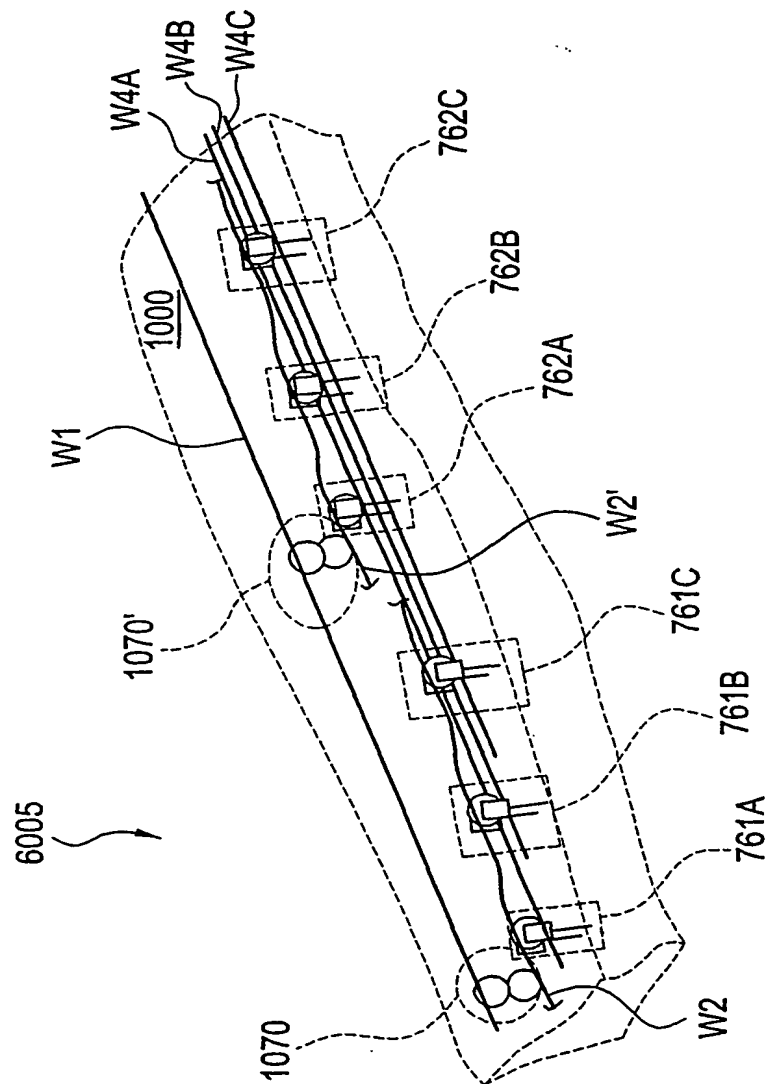
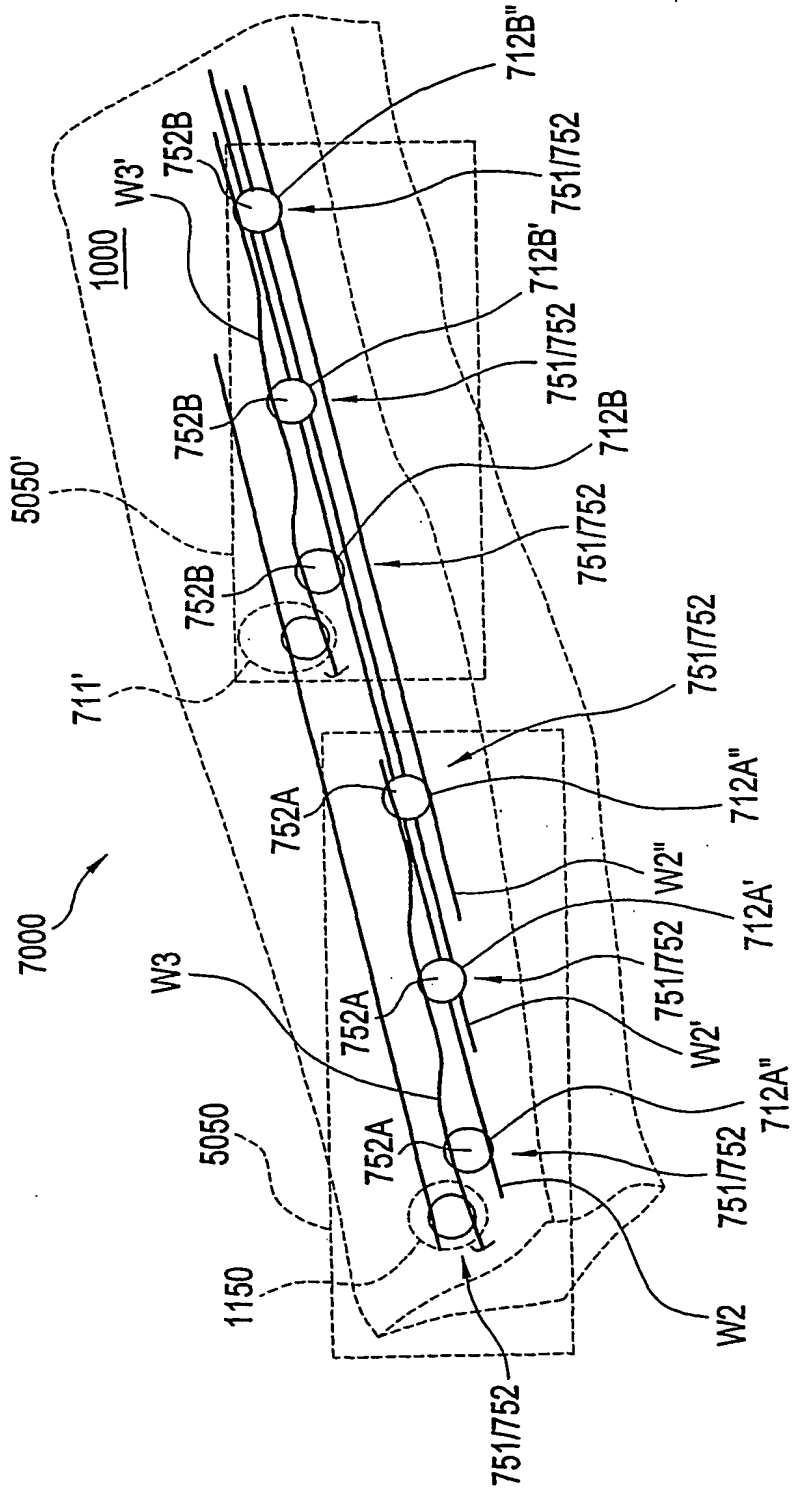


FIG. 19



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FIG. 20



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FIG. 21

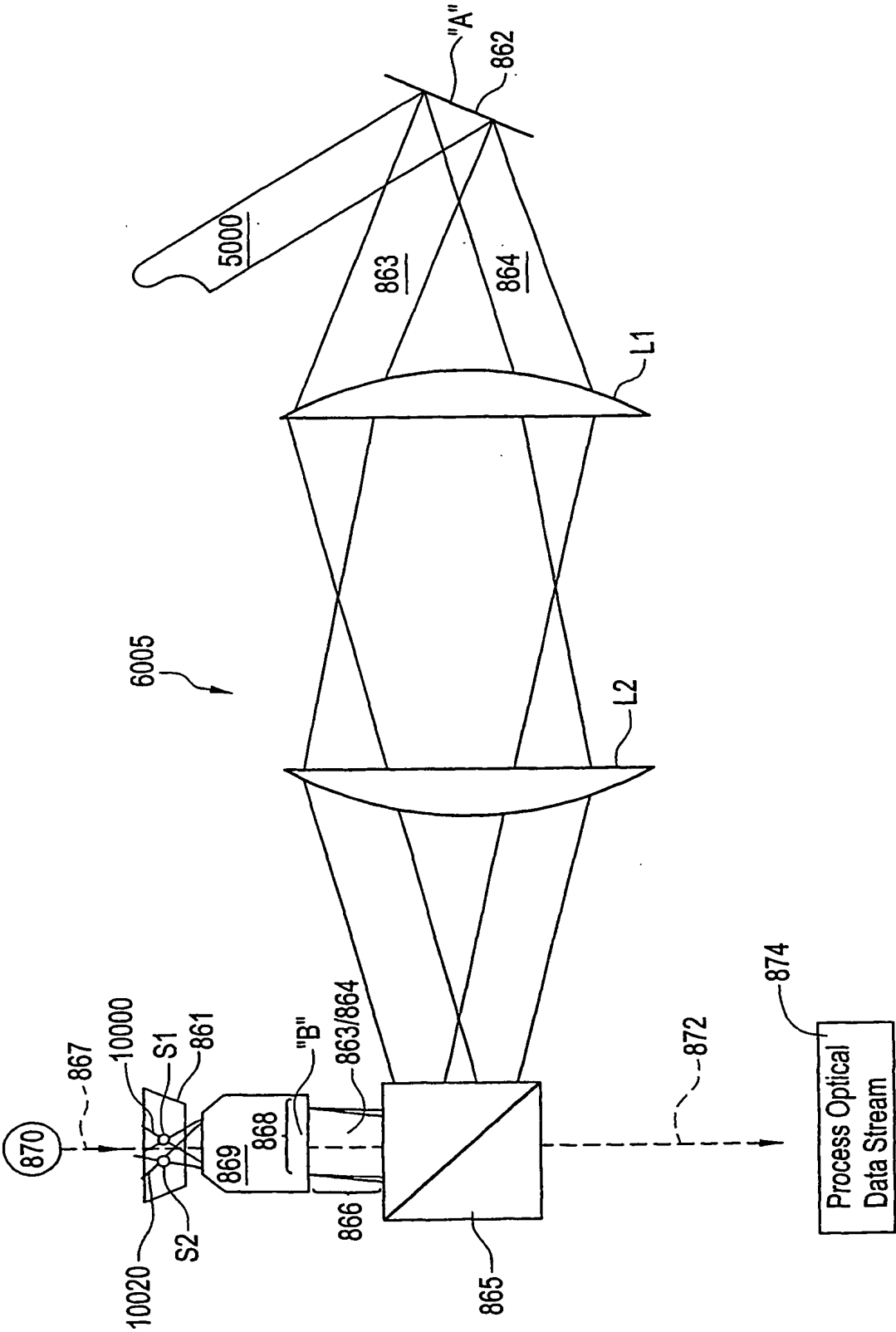


FIG. 22

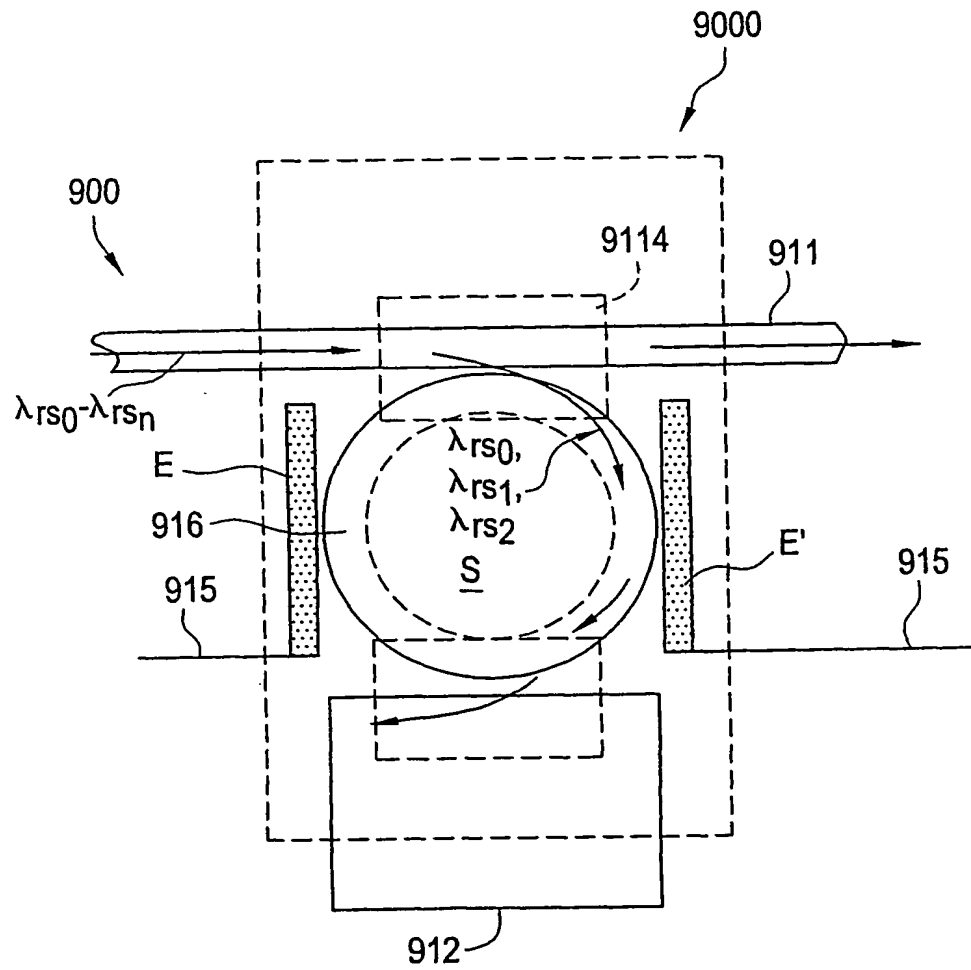


FIG. 23

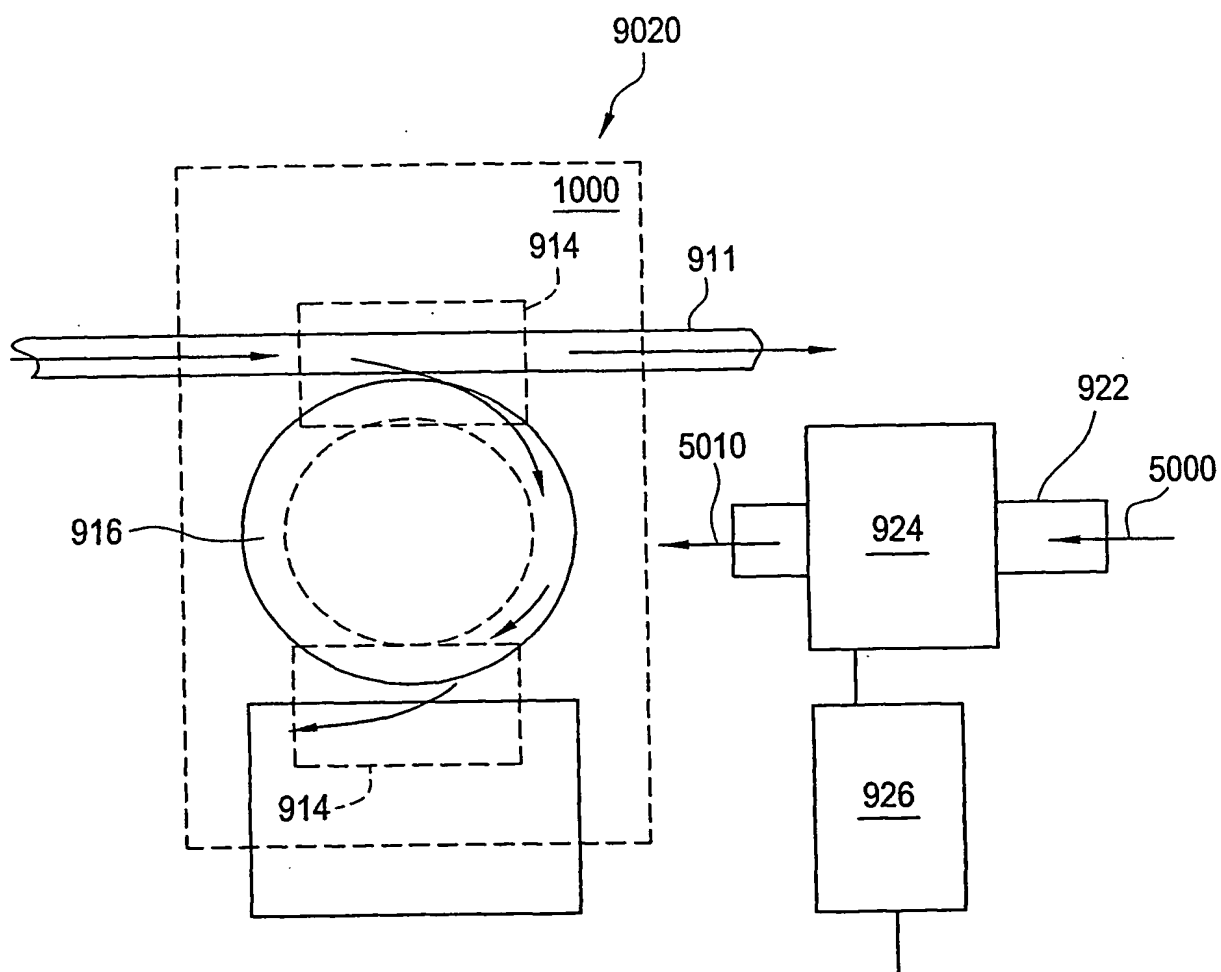


FIG. 24

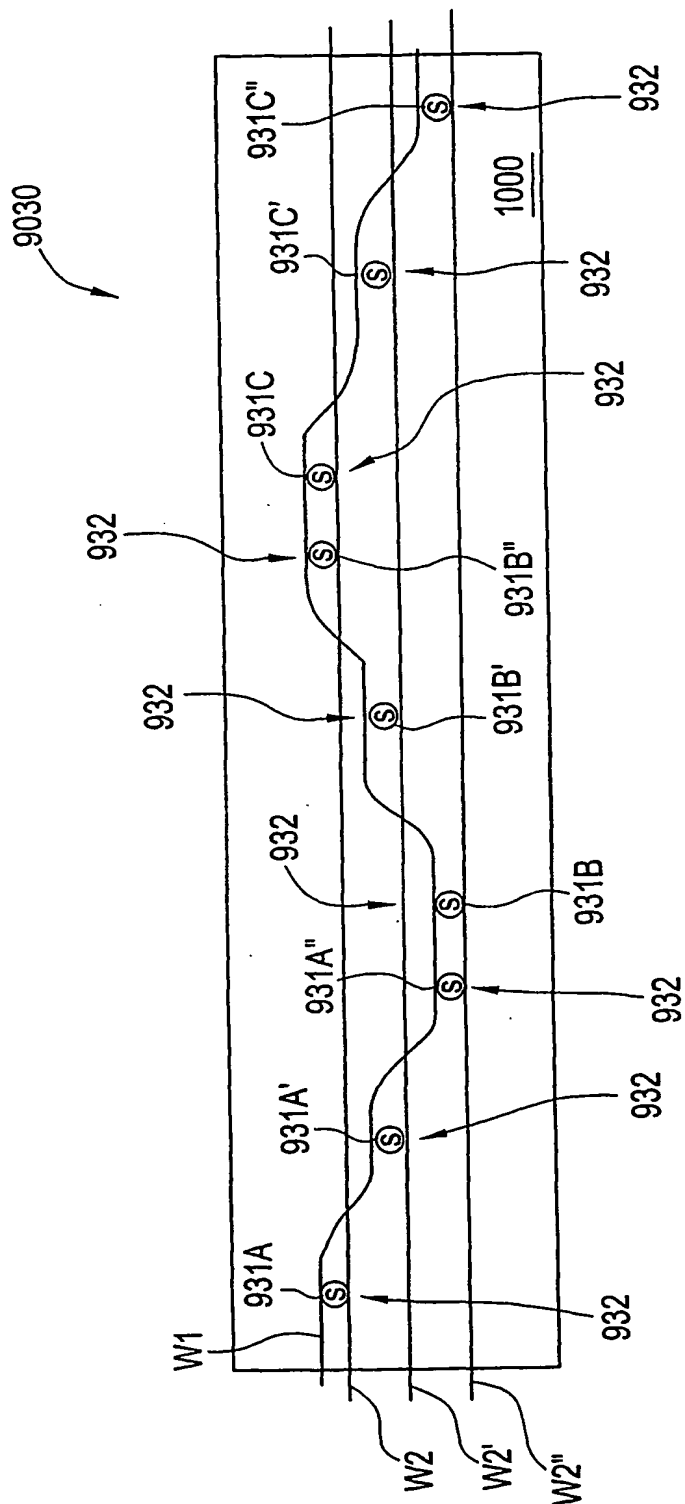


FIG. 25

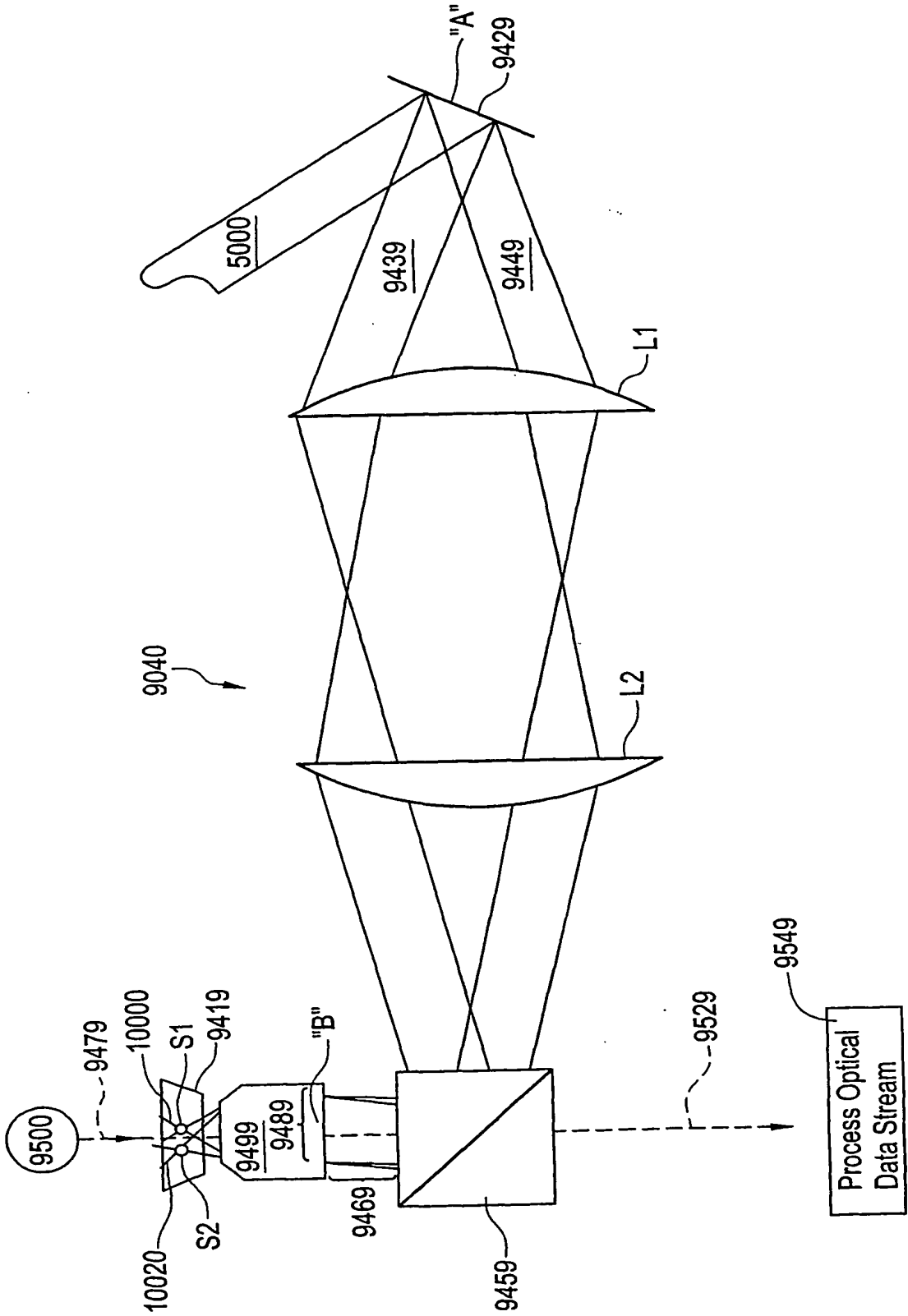


FIG. 26

<u>Dia. Microsphere (MS) 1</u>	<u>Wavelength in C band MS will resonate in WGM for (microns)</u>
--------------------------------	---

200 microns

1.562981
1.560394
1.557815
1.555244
1.552682
1.550128
1.547583
1.545046
1.542517
1.539996
1.537484
1.53498
1.532484

<u>Dia. Microsphere (MS) 2</u>	<u>Wavelength in C band MS will resonate in WGM for (microns)</u>
--------------------------------	---

199.6721 microns

1.563011
1.560419
1.557836
1.555261
1.552694
1.550136
1.547587
1.545046
1.542513
1.539988
1.537472
1.534964
1.532464

<u>Dia. Microsphere (MS) 3</u>	<u>Wavelength in C band MS will resonate in WGM for (microns)</u>
--------------------------------	---

20 microns

1.545046